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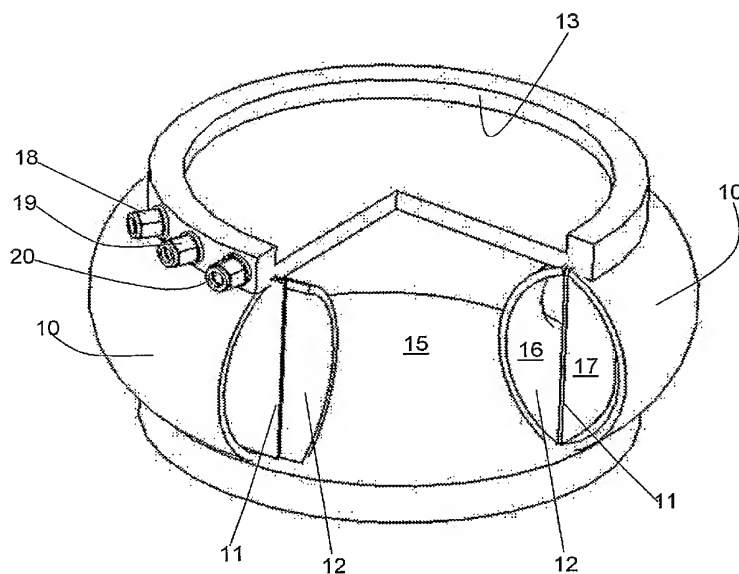
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(54) Title: DOUBLE-ACTING DEFORMABLE FLUID ACTUATOR OF THE MUSCLE TYPE WITH THREE CHAMBERS



(57) Abstract: A double-acting deformable fluid actuator with three chambers consists of three axisymmetrical coaxial membranes (10, 11 and 12), constrained by two end pieces (13 and 14) so as to identify three chambers, namely, an inner chamber (15), an intermediate chamber (16), and an outer chamber (17); each chamber is supplied with fluid under pressure through respective connectors (18, 19 and 20) set on one of the end pieces.

WO 2005/088138 A1

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